PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b),

Attorney Docket No. P4501

First Inventor or Application Identifier Puneet Agarwal et al.

Title METHODS & APPARATUS FOR SYNCHRONIZING & PROPAGATING DISTRIBUTED ROUTING DATABASES

Express Mail Label No. EL573442904US

Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: **Box Patent Application** See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) 5. Microfiche Computer Program (Appendix) (Submit an original and a duplicate for fee processing) 6. Nucleotide and/or Amino Acid Sequence Submission 2. [Total Pages (if applicable, all necessary) (preferred arrangement set forth below) Computer Readable Copy - Descriptive title of the Invention - Cross References to Related Applications Paper Copy (identical to computer copy) b. - Statement Regarding Fed sponsored R & D C. Statement verifying identity of above copies - Reference to Microfiche Appendix - Background of the Invention ACCOMPANYING APPLICATION PARTS - Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) Power of - Detailed Description 8. (when there is an assignee) Attorney - Claim(s) 9. English Translation Document (if applicable) - Abstract of the Disclosure Information Disclosure Copies of IDS 10. 3. Drawing(s) (35 U.S.C. 113) [Total Sheets 10 Statement (IDS)/PTO-1449 Citations Preliminary Amendment 4. Oath or Declaration Total Pages Return Receipt Postcard (MPEP 503) Newly executed (original or copy) 12. (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) \* Small Entity Statement filed in prior application. (for continuation/divisional with Box 16 completed) Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) named in the prior application, (if foreign priority is claimed) see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). Check for fees 15. Other: NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation-in-part (CIP) of prior application No: Continuation Divisional Group / Art Unit: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS ✓ Customer Number or Bar Code Labe Correspondence address below 24739 Name PATENT TRADEMARK OFFICE Address Zip Code City State Fax Country Telephone 35074 Name (Print/Type) Registration No. (Attorney/Agent) 06/28/2000 Date Sianature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTO/SB/17 (12-97)
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	Com	Complete if Known				
FEE TRANSMITTAL	Application Number	NA				
FEE IRANSMITTAL	Filing Date	06/28/2000				
Note: Effective October 1, 1997.	First Named Inventor	Puneet Agarwal et al.				
	Group Art Unit	NA				
Patent fees are subject to annual revision.	Examiner Name	NA				
TOTAL AMOUNT OF PAYMENT (\$) 420.00	Attornev Docket Number	P4501				

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is berefy authorized to charge	3. ADDITIONAL FEES					
1. Indicated fees and credit any over payments to:			y Sma	II Entit	y Fee Description Fee P	aid
Deposit Account	Cod 105	e (\$) 130	205	e (\$) 65	Tee Description	<u> </u>
Number Deposit					Surcharge - late filing fee or oath Surcharge - late provisional filing fee or	
Account Name	127	50	227	25	cover sheet.	
Charge Any Additional Charge the Issue Fee Set in	139	130	139	130	Non-English specification	
Fee Required Under 37 CFR 1.18 at the Mailing of the Notice of Allowance	147	2,520	147	2,520	For filing a request for reexamination	
	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed:  Check Order Other	113	1,840*	113	1,840	Requesting publication of SIR after Examiner action	
	115	110	215	55	Extension for reply within first month	
FEE CALCULATION	116	400	216	200	Extension for reply within second month	_]
1. FILING FEE	117	950	217	475	Extension for reply within third month	
Large Entity Small Entity	118	1,510	218	755	Extension for reply within fourth month	_
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128	2,060	228	1,030	Extension for reply within fifth month	
101 760 201 380 Utility filing fee 345.00	119	310	219	155	Notice of Appeal	
106 330 206 165 Design filing fee	120	310	220	155	Filing a brief in support of an appeal	
107 540 207 270 Plant filing fee	121	270	221	135	Request for oral hearing	
108 790 208 395 Reissue filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	
114 150 214 75 Provisional filing fee	140	110	240	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 345.00	141	1,320	241	660	Petition to revive - unintentional	
	142	1,320	242	660	Utility issue fee (or reissue)	
2. CLAIMS Fee from Fee Paid		450	243	225	Design issue fee	$\neg$
Total Claims $24 - 20 = 4 \times 09 = 36.00$	144	670	244	335	Plant issue fee	$\neg$
Independent 4 - 3 = 1 x 39 = 39.00	122	130	122	130	Petitions to the Commissioner	<b>⊣</b>
Multiple Dependent Claims X = =	123	50	123	50	Petitions related to provisional applications	
Large Entity Small Entity	126	240	126	240	Submission of Information Disclosure Stmt	
Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)	$\dashv$
103 18 203 09 Ctaims in excess of 20	146	790	246	395	Filing a submission after final rejection	<del>-  </del>
102 78 202 39 Independent claims in excess of 3	149	790	249	395	(37 CFR 1.129(a)) For each additional invention to be	<b></b> ∤
104 270 204 135 Multiple dependent claim		, 55	5	500	examined (37 CFR 1.129(b))	
109 82 209 41 Reissue independent claims over original patent	Other	foo len	ecify\			_
110 22 210 11 Reissue claims in excess of 20 and over original patent		-				$\dashv$
SUBTOTAL (2) (\$) 75.00					Fee Paid SUBTOTAL (3) (\$) 0.	
SUBMITTED BY Complete (if applicable)						
Typed or 11					25.07	$\Box$

SUBMITTED BY	Complete (if applicable)		
Typed or Printed Name	Donald R Boys	Reg. Number	35,074
Signature	Date 06/28/2000	Deposit Account User ID	

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## **Certificate of Express Mailing**

"Express Mail" Mailing Label Number: EL573442904US

Date of Deposit: <u>06/28/2000</u> Ref: Case Docket No.: <u>P4501</u>

First Named Inventor: Puneet Agarwal et al.

Serial Number: <u>NA</u>
Filing Date: <u>06/28/2000</u>

Title of Case: Methods and Apparatus for Synchronizing and Propagating

**Distributed Routing Databases** 

I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231

- 1. Utility patent application transmittal.
- 2. 32 sheets of specification.
- 3. 10 sheets of drawings.
- 4. Fee transmittal.
- 5. Duplicate fee transmittal.
- 6. Declaration and Power of Attorney.
- 7. Verified Statement Claiming Small Entity.
- 8. Check for fees in the amount of \$420.00.
- 9. Certificate of express mailing.
- 10. Postcard listing contents.

Mark A. Boys

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing papers or fee)